

FIG.2

120 PRESET TABLE

BROADCAST DAY OR BROADCAST PATTERN	BROADCAST PERIOD	CHANNEL NUMBER
EVERY THURSDAY	21:00~23:00	6
MONDAY THROUGH FRIDAY	11:45~12:00	4
OCTOBER 22 (WED)	20:00~21:00	1

121

122

123

FIG.3
130 EPG

BROADCAST DAY	BROADCAST PERIOD	CHANNEL NUMBER	TITLE	COMMENT
OCTOBER 22 (WED)	20:00~21:00	1	MILLION QUIZ	BOX-OFFICE QUIZ PROGRAM
OCTOBER 23 (THU)	21:00~23:40	6	THURSDAY THEATER: HIT THE DRAGON	LEADING PERFORMER: LEE LEE LEE
∴	∴	∴	∴	∴
OCTOBER 30 (THU)	21:00~23:00	6	THURSDAY THEATER: LUCKY'S GREAT ADVENTURE	LUCKY'S GREAT ADVENTURE WITH BOTH TEARS AND LAUGHTER
∴	∴	∴	∴	∴
NOVEMBER 6 (THU)	21:00~23:15	6	THURSDAY THEATER: RAMESES AND NEFERTITI	LOVE STORY IN ANCIENT EGYPT
∴	∴	∴	∴	∴

FIG.4

140 TITLE LIST



01	10/23	21:00	6	HIT THE DRAGON
02	10/30	21:00	6	LUCKY'S GREAT ADVENTURE
03	11/6	21:00	6	RAMESSES AND NEFERTITI

FIG.5

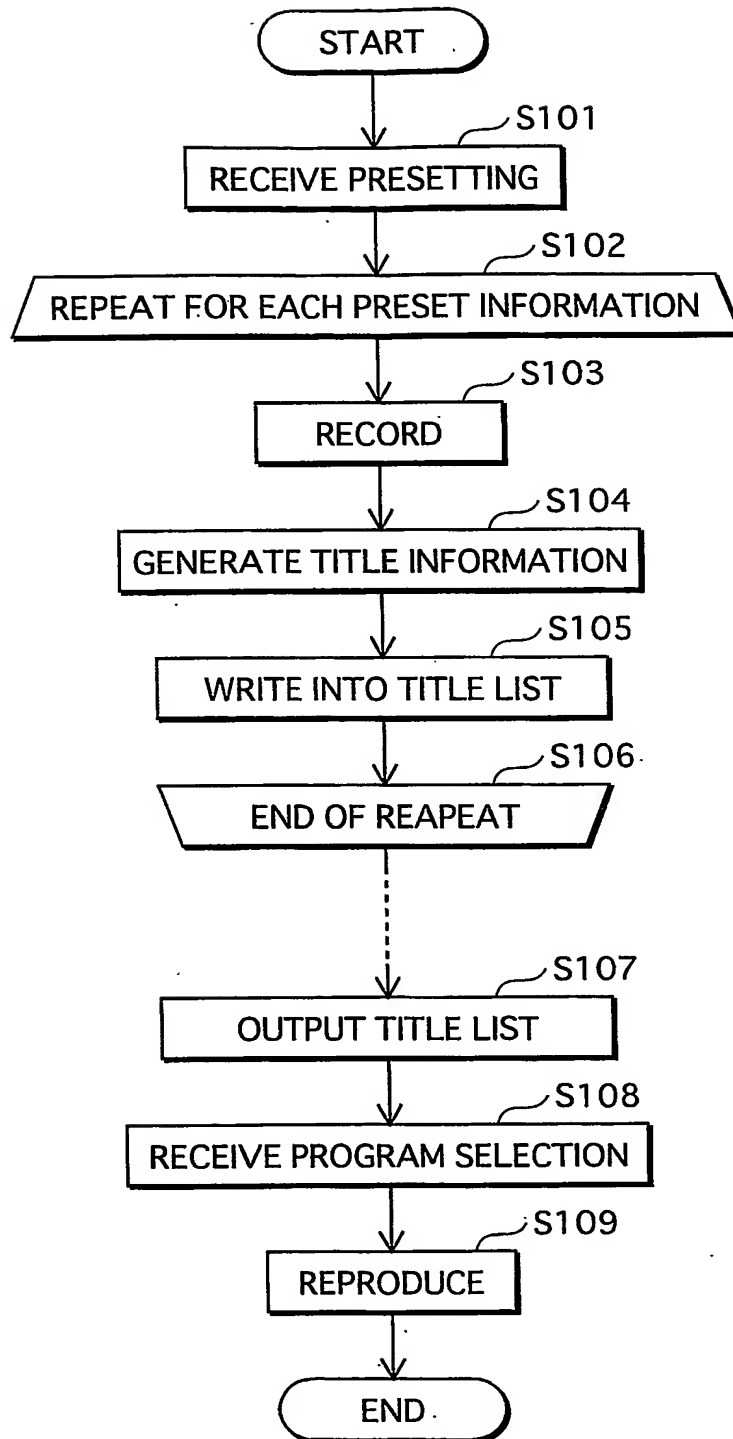


FIG.6

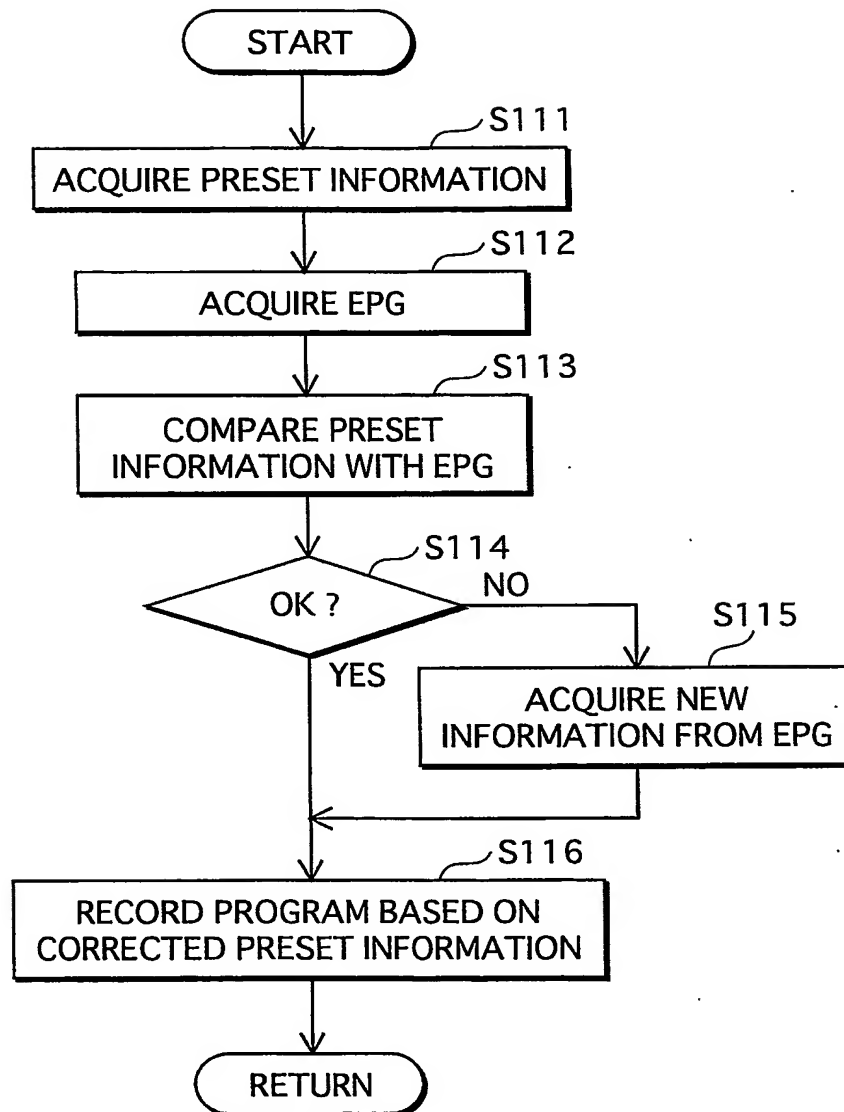


FIG.7

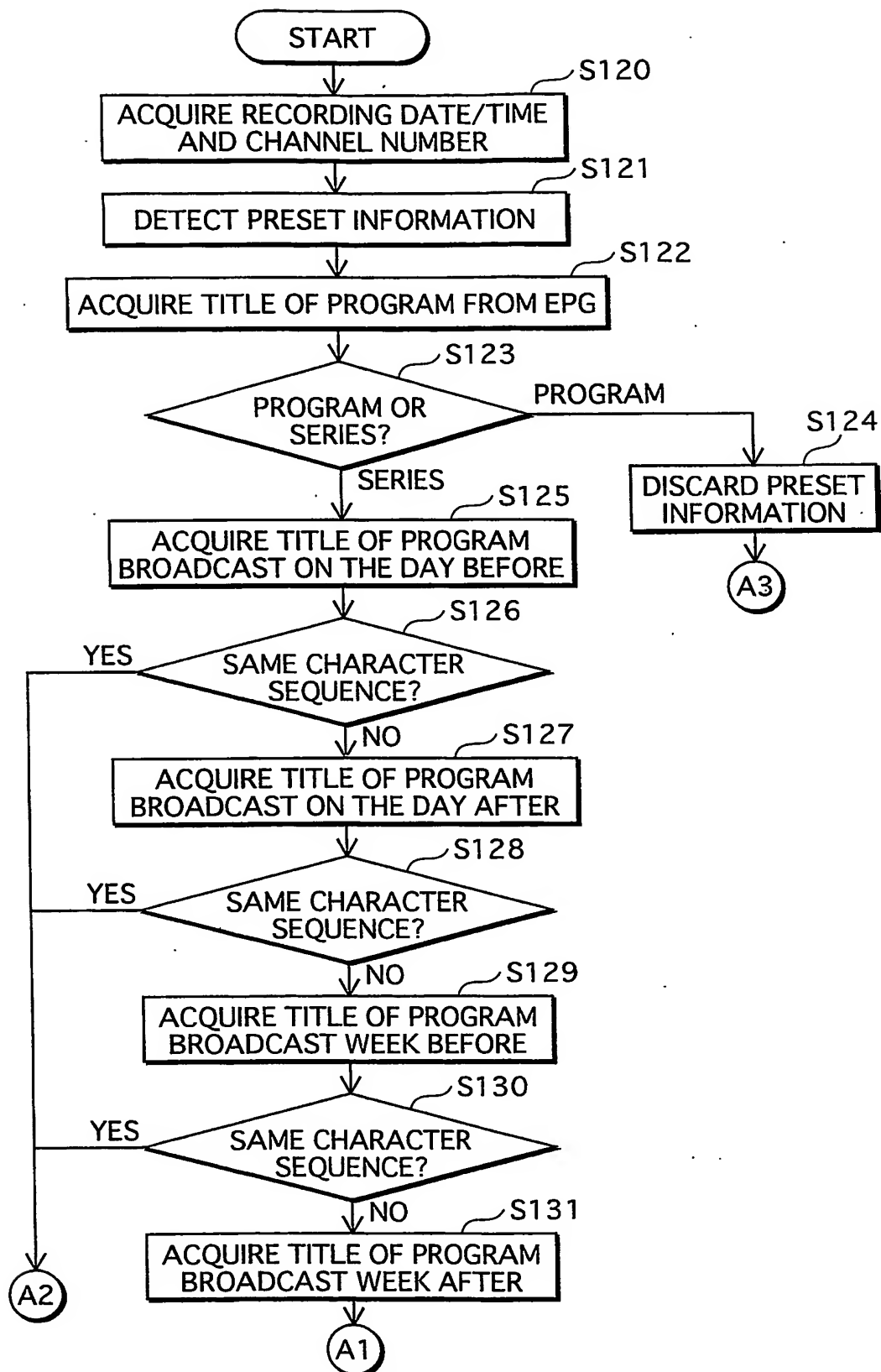


FIG.8

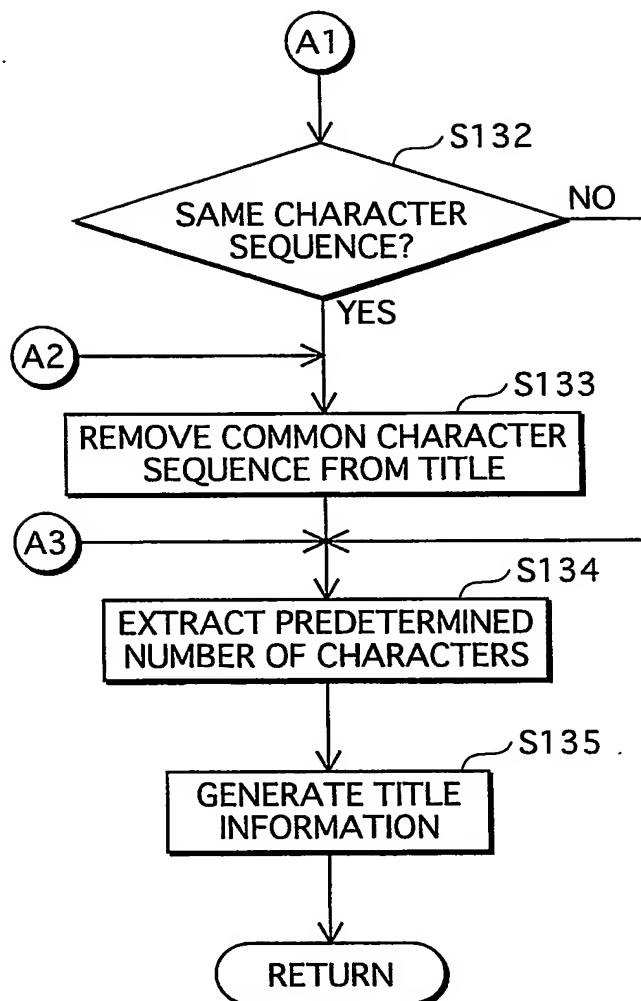


FIG. 9 200 PROGRAM RECORDING APPARATUS

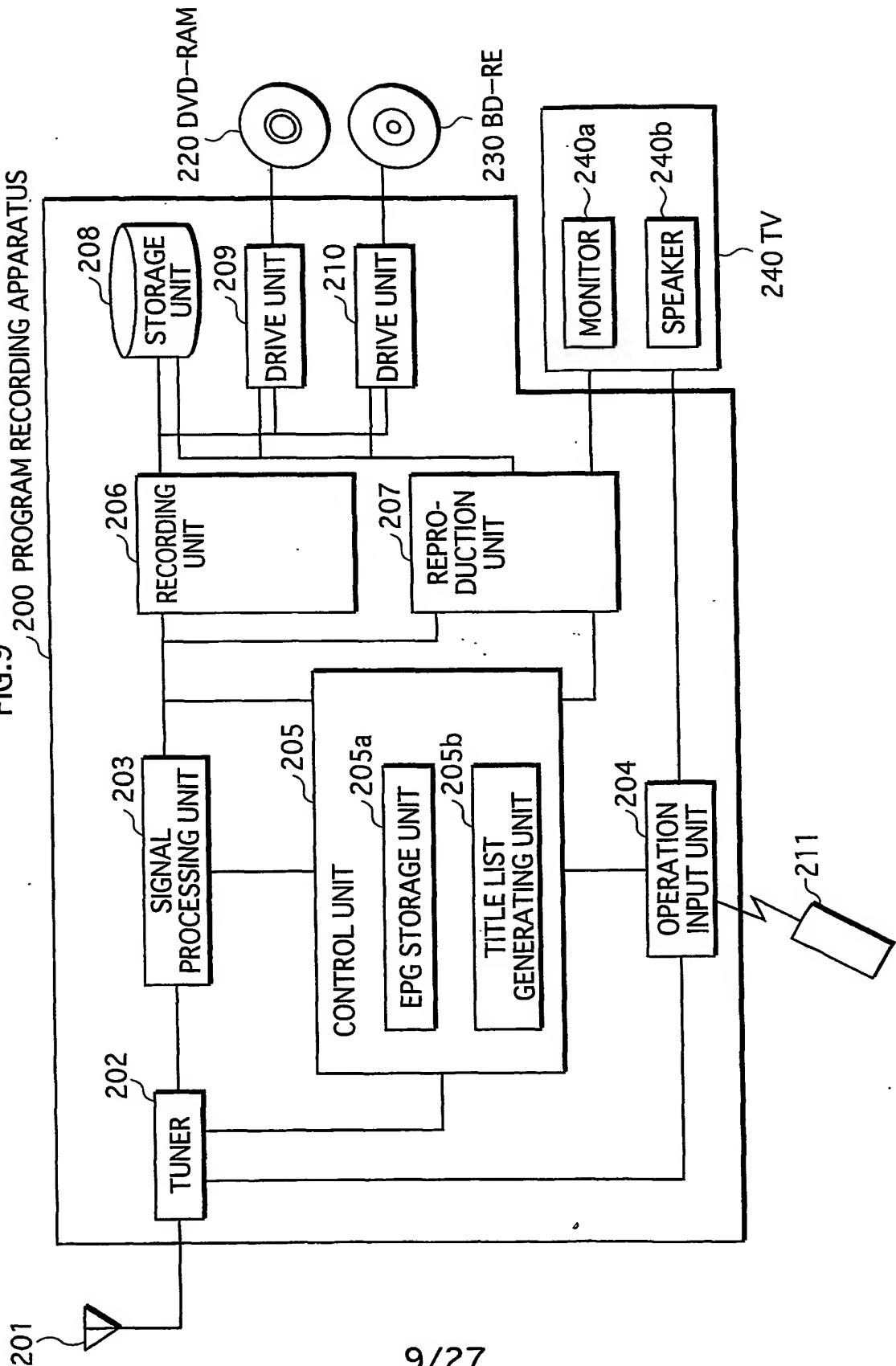


FIG.10

250 PRESET TABLE

BROADCAST DAY OR BROADCAST PATTERN	BROADCAST PERIOD	CHANNEL NUMBER	RECORDING FORMAT
EVERY THURSDAY	21:00~23:00	6	HD
MONDAY THROUGH FRIDAY	11:45~12:00	4	DVD—video
OCTOBER 22 (WED)	20:00~21:00	1	BD

FIG.11 260 EPG

BROADCAST DAY	BROADCAST PERIOD	CHANNEL NUMBER	TITLE	COMMENT
OCTOBER 22 (WED)	20:00~21:00	1	MILLION QUIZ	BOX-OFFICE QUIZ PROGRAM
OCTOBER 23 (THU)	11:45~12:00	4	TOURING THE ENGLAND REGIONS: FOUR SEASONS ENJOYED IN THE POPULAR ENGLISH GARDENS IN THE SUBURBS OF LONDON	OOOOO.....
⋮	⋮	⋮	⋮	⋮
OCTOBER 24 (FRI)	11:45~12:00	4	TOURING THE ENGLAND REGIONS: STRATFORD-UPON-AVON AT THE CENTER OF ENGLAND WHERE WILLIAM SHAKESPEARE WHO IS SOMETIMES CALLED THE BARD OF AVON WAS BORN	XXXXXX.....
⋮	⋮	⋮	⋮	⋮
OCTOBER 27 (MON)	11:45~12:00	4	TOURING THE ENGLAND REGIONS: THE LAKE DISTRICT: HILL TOP, HOUSE OF BEATRIX POTTER	OOOOO.....
⋮	⋮	⋮	⋮	⋮

FIG.12

270

RECORDING FORMAT		AVAILABLE BYTES FOR DISPLAY
HD		50
		40
BD		32
		40
DVD	video	32
	original	40

271 272 273 274

FIG.13A

281 ↘

01	10/23	11:45	4	TOURING THE ENGLAND REGIFOUR SEASONS ENJOYED IN THE POPULAR ENGLISH GARDENS IN THE SUBURBS OF LONDON
02	10/24	11:45	4	STRATFORD-UPON-AVON AT THE CENTER OF ENGLAND WHERE WILLIAM SHAKESPEARE WHO IS SOMETIMES CALLED THE B
03	10/27	11:45	4	TOURING THE ENGLAND REGIONS:THE LAKE DISTRICT: HILL TOP, HOUSE OF BEATRIX POTTER

FIG.13B

282 ↘

01	10/23	11:45	4	TOURFOUR SEASONS ENJOYED IN THE POPULAR ENGLISH GARDENS IN THE SUBURBS OF LONDON
02	10/24	11:45	4	STRATFORD-UPON-AVON AT THE CENTER OF ENGLAND WHERE WILLIAM SHAKESPEARE WHO IS SO
03	10/27	11:45	4	TOURING THE ENGLAND REGIONS:THE LAKE DISTRICT: HILL TOP, HOUSE OF BEATRIX POTTER

FIG.13C

283 ↘

01	10/23	11:45	4	FOUR SEASONS ENJOYED IN THE POPULAR ENGLISH GARDENS IN THE SUBUR
02	10/24	11:45	4	STRATFORD-UPON-AVON AT THE CENTER OF ENGLAND WHERE WILLIAM SHAKE
03	10/27	11:45	4	TOURING THE THE LAKE DISTRICT: HILL TOP, HOUSE OF BEATRIX POTTER

FIG.14

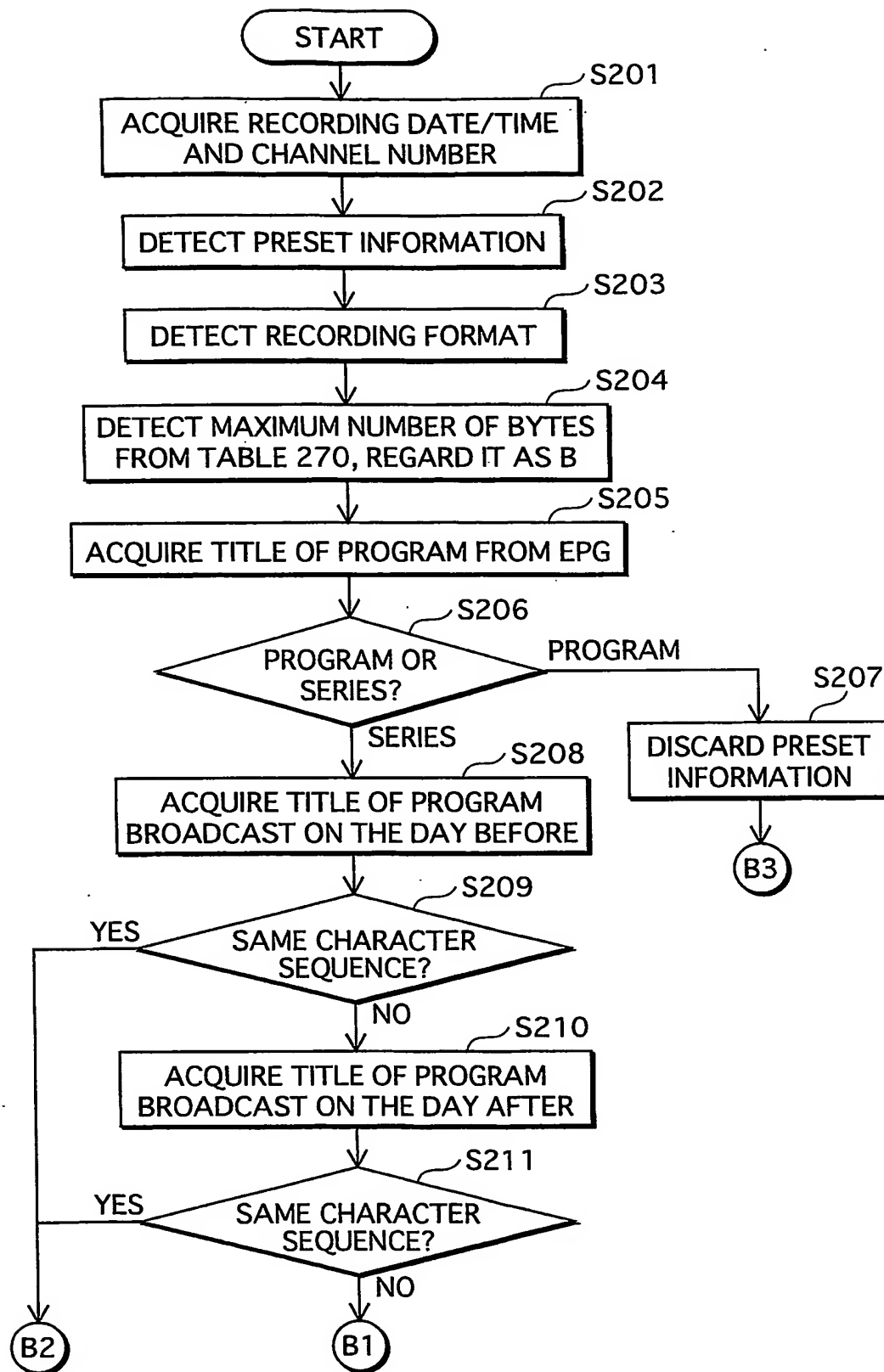


FIG. 15

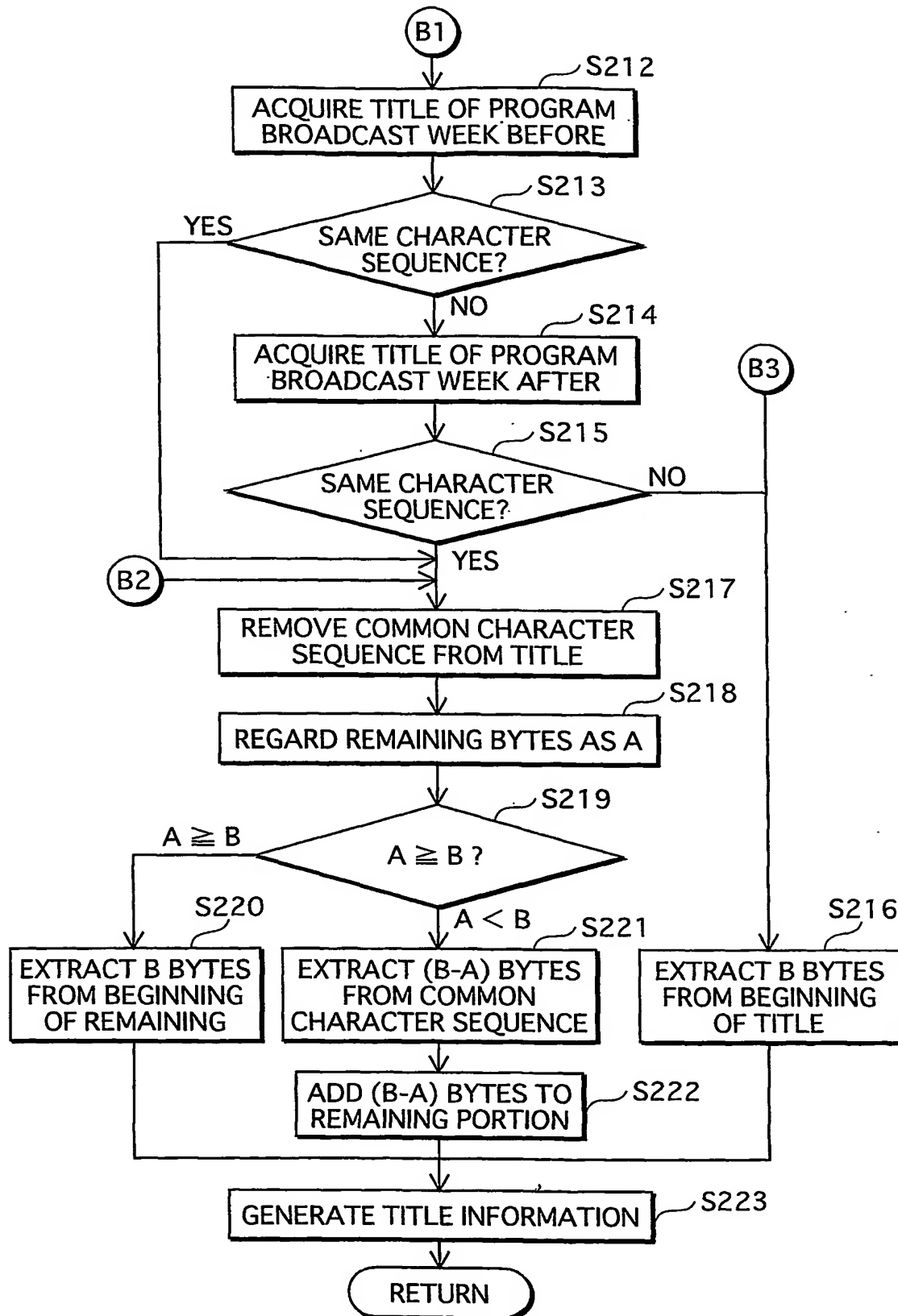


FIG.16

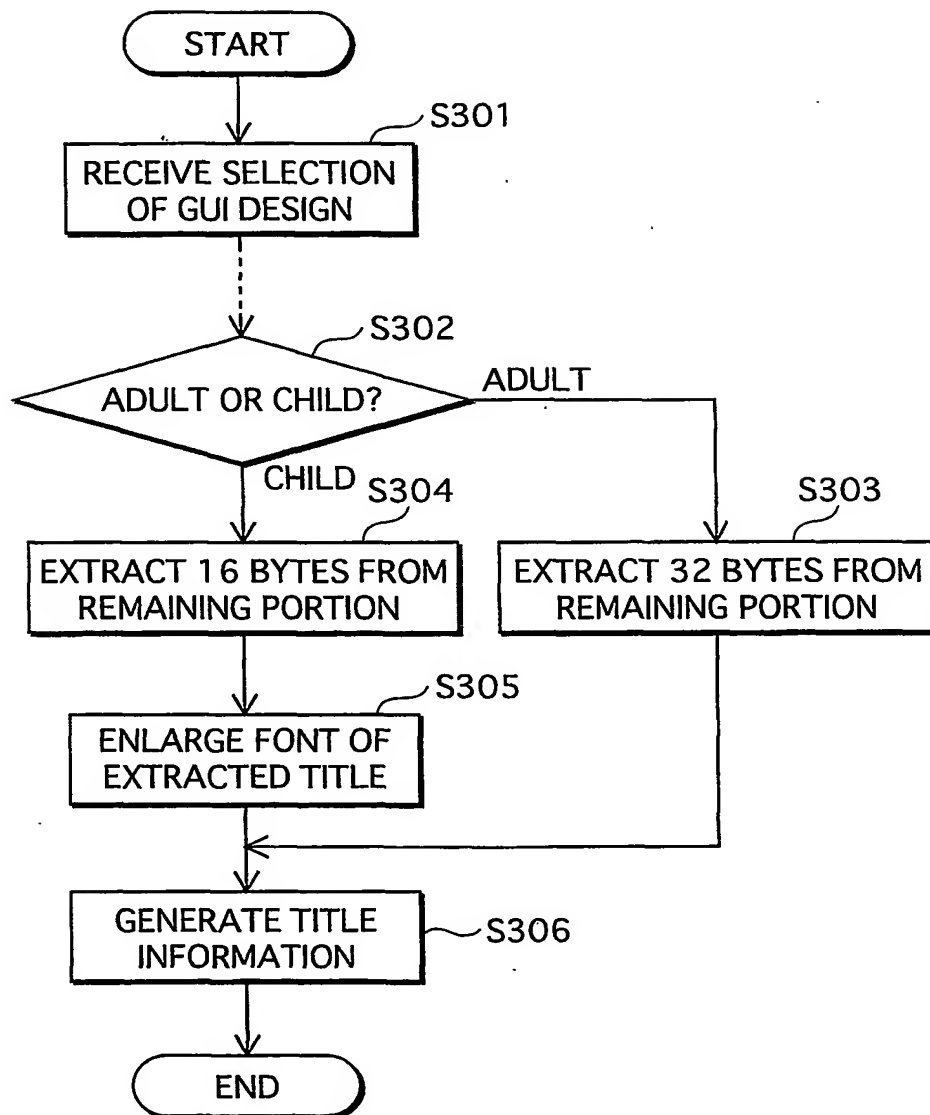


FIG. 17A

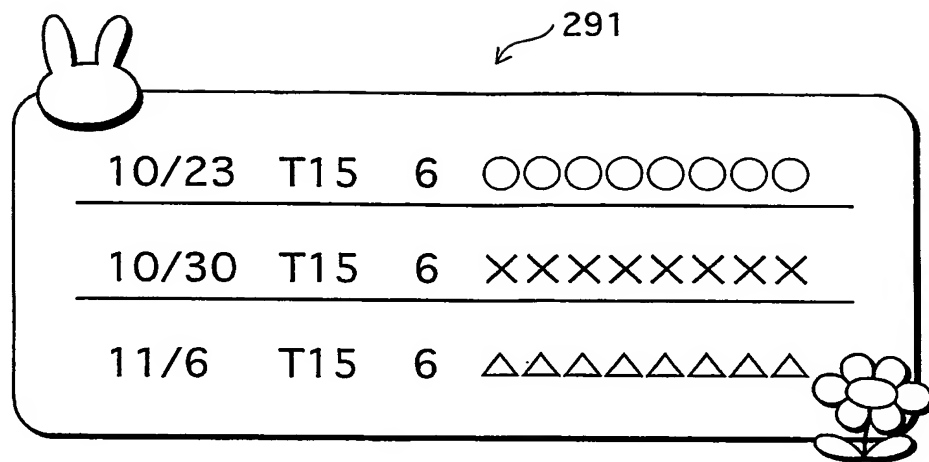


FIG. 17B

FIG. 17B

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01	10/23	15:00	6	○○○○○○○○○○○○○○○○○○○○○○○○○○○○○○
02	10/30	15:00	6	××××××××××××××××××××××××××××
03	11/6	15:00	6	△△△△△△△△△△△△△△△△△△△△△△△△△△△△

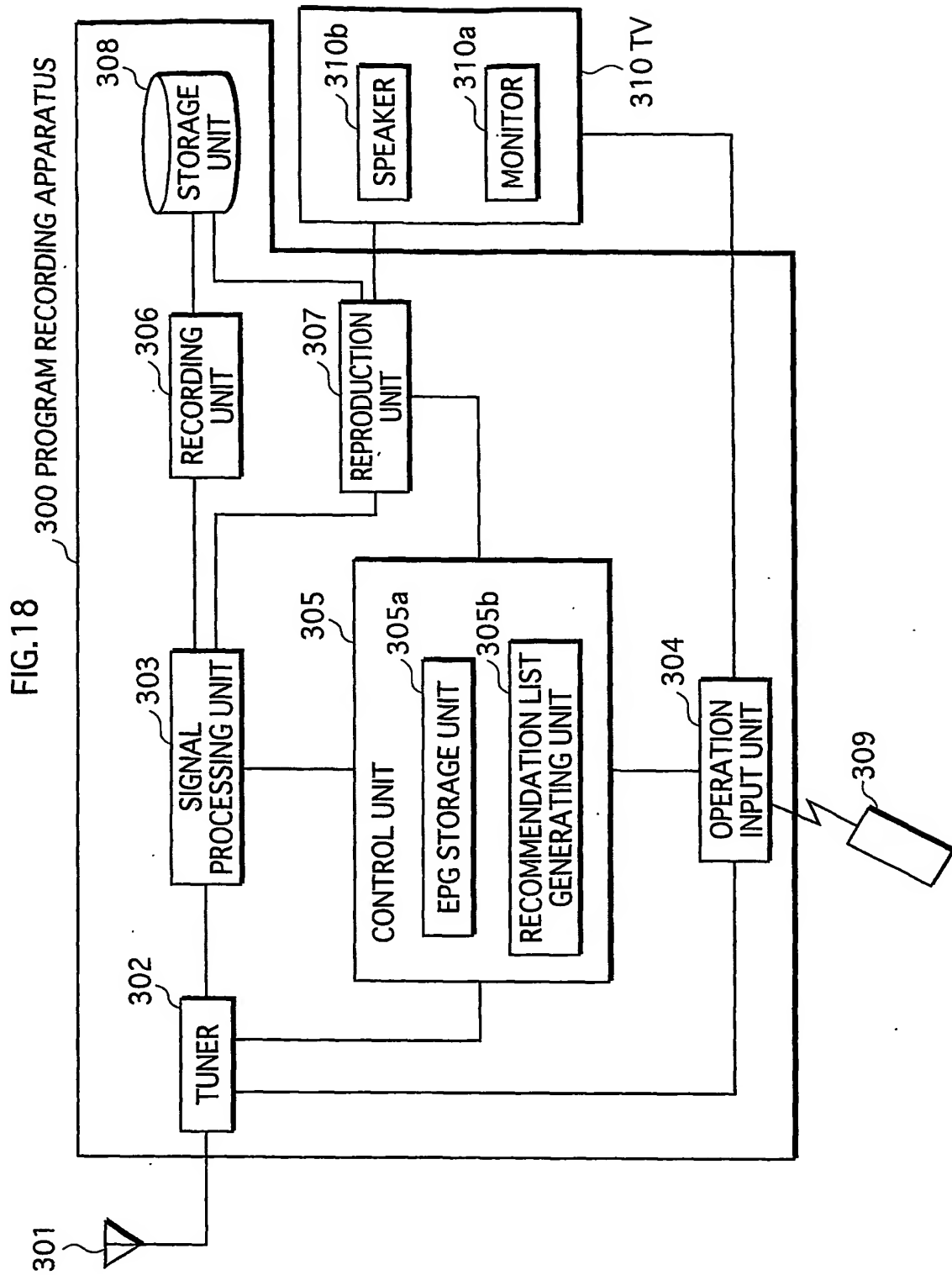


FIG.19 320 EPG

BROADCAST DAY	BROADCAST PERIOD	CHANNEL NUMBER	TITLE	COMMENT
AUGUST 13 (SAT)	21:00~23:00	8	[NEW] MIDSUMMER SONATA	NEW PROGRAM! SPECIAL 2-HOUR BROADCAST!
• • •	• • •	• • •	• • •	• • •
AUGUST 14 (SUN)	20:00~21:00	4	[NEW] TRIP TO WORLD HERITAGE SITES	○○○○•••••
• • •	• • •	• • •	• • •	• • •
AUGUST 20 (SAT)	21:00~22:00	8	MIDSUMMER SONATA	XXXX•••••
• • •	• • •	• • •	• • •	• • •

FIG.20

330 EPG

BROADCAST DAY	BROADCAST PERIOD	CHANNEL NUMBER	TITLE	COMMENT
.
DECEMBER 9 (MON)	16:00~17:00	10	[FINAL] IT'S FOUR O'CLOCK	INFORMATION AND WEATHERREPORT
DECEMBER 10 (TUE)	16:00~17:00	10	[RERUN] AUTUMN WIND SONATA	RERUN OF A POPULAR DRAMA
DECEMBER 11 (WED)	16:00~17:00	10	[RERUN] AUTUMN WIND SONATA	RERUN OF A POPULAR DRAMA
DECEMBER 12 (THU)	16:00~17:00	10	[RERUN] AUTUMN WIND SONATA	RERUN OF A POPULAR DRAMA
.

FIG.21A

340 RECOMMENDATION LIST

RECOMMENDED NEW PROGRAM					
01	8/13	21:00	LONG	8	① MIDSUMMER SONATA
02	8/20	21:00		8	② MIDSUMMER SONATA
03	8/27	21:00		8	③ MIDSUMMER SONATA

FIG.21B

350 RECOMMENDATION LIST

RECOMMENDED RERUN PROGRAM					
01	12/10	16:00	10	①	AUTUMN WIND SONATA
02	12/11	16:00	10	②	AUTUMN WIND SONATA
03	12/12	16:00	10	③	AUTUMN WIND SONATA

FIG.22

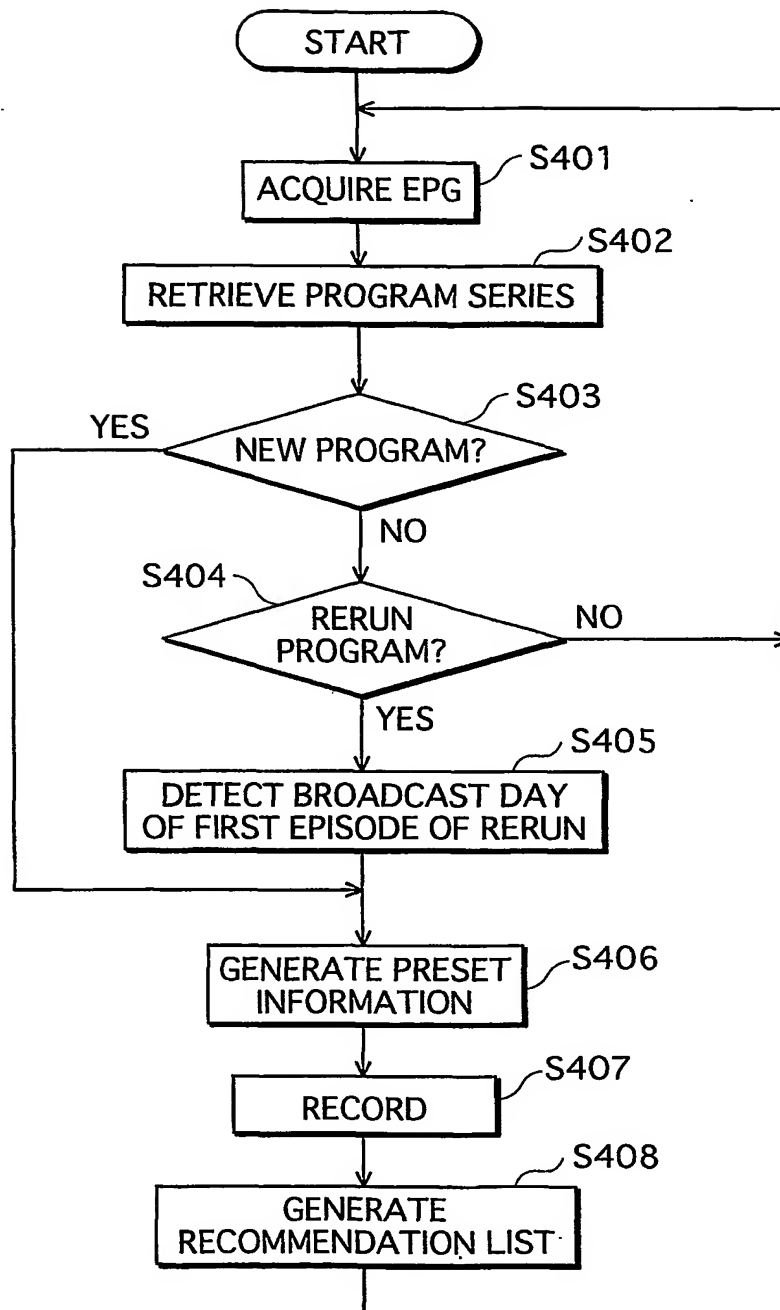


FIG.23A

410 EPG

BROADCAST DAY	BROADCAST PERIOD	CHANNEL NUMBER	TITLE	COMMENT
AUGUST 13 (SAT)	21:00~23:00	8	[NEW] MIDSUMMER SONATA (1) ENCOUNTER	OOOOO.....
AUGUST 20 (SAT)	21:00~22:00	8	MIDSUMMER SONATA (2) A LIE OF HER	XXXXX.....
AUGUST 27 (SAT)	21:00~22:00	8	MIDSUMMER SONATA (3) A LIE OF ME	ΔΔΔΔΔ.....
⋮			⋮	⋮

FIG.23B

420 EPG

BROADCAST DAY	BROADCAST PERIOD	CHANNEL NUMBER	TITLE	COMMENT
DECEMBER 10 (TUE)	16:00~17:00	10	[RERUN] AUTUMN WIND SONATA (1) AUTUMN HAS COME	RERUN OF A POPULAR DRAMA
DECEMBER 11 (WED)	16:00~17:00	10	[RERUN] AUTUMN WIND SONATA (2) WIND OF LOVE	RERUN OF A POPULAR DRAMA
DECEMBER 12 (THU)	16:00~17:00	10	[RERUN] AUTUMN WIND SONATA (3) REGRET	RERUN OF A POPULAR DRAMA
⋮			⋮	⋮

FIG.24A

430 RECOMMENDATION LIST

RECOMMENDED NEW PROGRAM				MIDSUMMER SONATA		S431
01	8/13	21:00	LONG	8	① ENCOUNTER	
02	8/20	21:00		8	② A LIE OF HER	
03	8/27	21:00		8	③ A LIE OF ME	

FIG.24B

440 RECOMMENDATION LIST

RECOMMENDED RERUN PROGRAM				AUTUMN WIND SONATA		S441
01	12/10	16:00		10	① AUTUMN HAS COME	
02	12/11	16:00		10	② WIND OF LOVE	
03	12/12	16:00		10	③ REGRET	

FIG.25

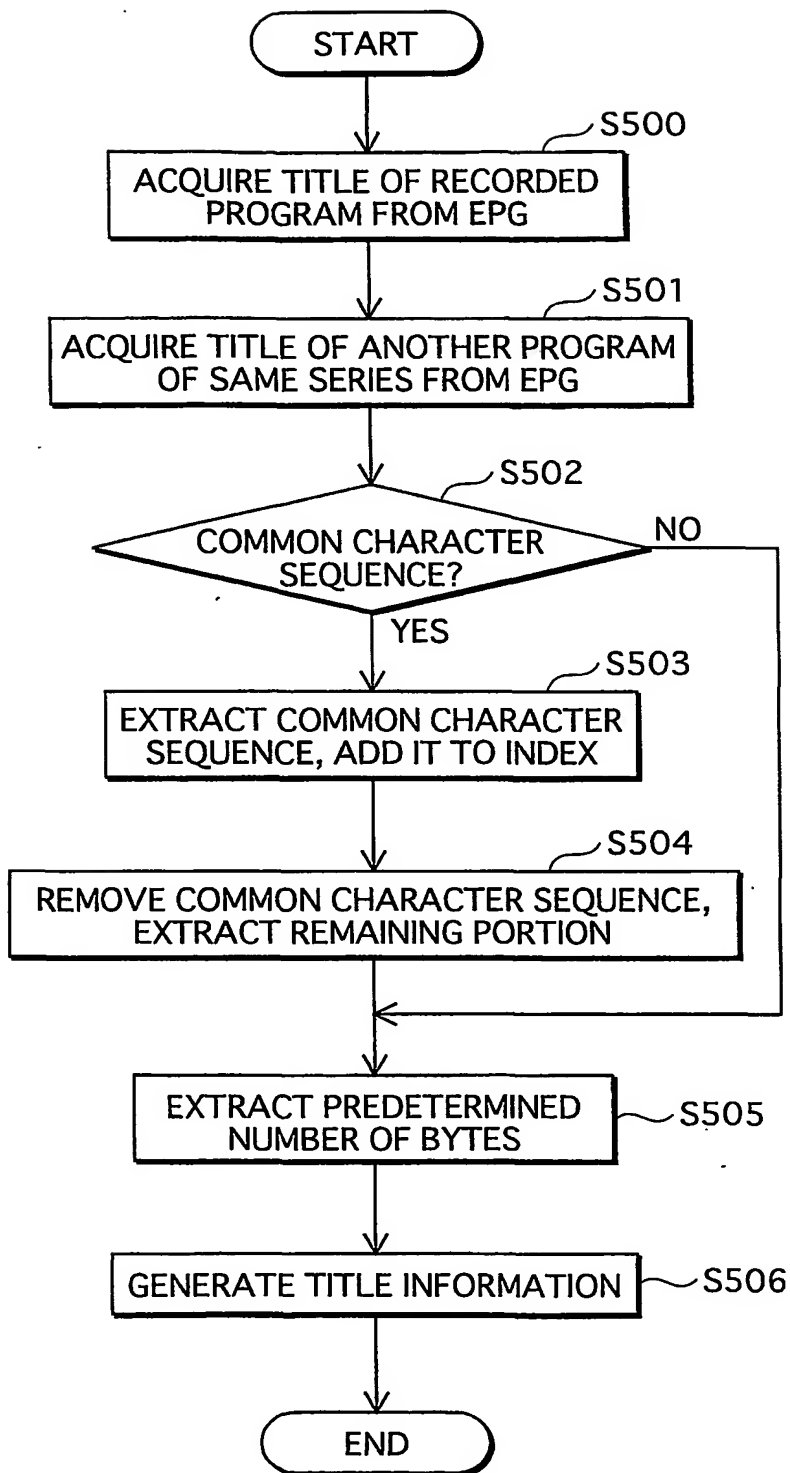


FIG.26

500

BROADCASTING STATION CODE	RETRIEVAL ALGORITHM
A - 0012	A
A - 0120	A
B - 0001	B
C - 0213	C
⋮	⋮

FIG.27

